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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/552,070	10/04/2005	Olivier Desjeux	Q90088	6115
23373	7590	09/11/2006	EXAMINER	
SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037			WALSH, DANIEL I	
			ART UNIT	PAPER NUMBER
			2876	

DATE MAILED: 09/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No. 10/552,070	Applicant(s) DESJEUX, OLIVIER	
	Examiner Daniel I. Walsh	Art Unit 2876	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-20 is/are pending in the application.
4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 11, 13 and 16-18 is/are allowed.
- 6) ☒ Claim(s) 12, 14, 15, 19 and 20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 October 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>10-05</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

1. Receipt is acknowledged of the IDS received on 10-4-05 and the Preliminary Amendment received on 10-4-05.

Information Disclosure Statement

2. The information disclosure statement filed 10-4-05 fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each cited foreign patent document; each non-patent literature publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the information referred to therein has not been considered.

Claim Objections

3. Claims 11-20 are objected to because of the following informalities: The Examiner suggests replacing “low frequency” and “high frequency” with – low frequency (of the order of a hundred kHz) – and – high frequency (on the order of on the order of a hundred MHz)--.

Re claim 11, line 6: Replace “said entrance; and” with – said entrance; --

Re claim 11, line 8: Replace “electromagnetic signal,” with – electromagnetic signal; --

Re claim 11, line 9: Delete “the detection system further comprising:”

Re claim 13, page 4, line 5: Replace “this electronic” with – the electronic --.

Re claim 14, lines 5 and 7: Replace “this selected” with – the selected --.

Re claim 15, lines 5 and 10: Replace “this electronic” and “this unit” with – the electronic – and – the unit --.

Re claim 18, page 6, line 9: Delete “so-called”.

Re claim 19, lines 5 and 7: Replace “this selected” with – the selected --.

Re claim 20, page 9, line 6: Replace “this unit” with -- the unit --.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

4. Claims 12, 14, 15, 19, and 20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Re claims 12, 14, 15, 19 and 20, the phrase “configured to pass...” is unclear what is being passed or what is occurring.

Allowable Subject Matter

5. Claims 11, 13, and 16-18 allowed.

6. The following is an examiner’s statement of reasons for allowance: the prior art of record fails to teach the system/method as claimed, where each delimited space had low frequency transmission means as claimed, high frequency transmission-reception means as claimed, electronic units as claimed where each unit has a low frequency reception module and high frequency transmission-reception module as claimed, wherein the system is configured to

operate according to at least two distinct modes of operation in which the units communicate with the high frequency transmission-reception means as claimed (see claim 11).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

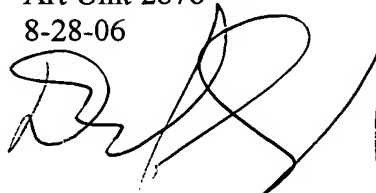
7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: (see PTO-892, particularly noting Vercellotti et al. which teaches the HF and LF communication, but only as the base used LF to interrogate the tag, and the tag periodically communicating back via HF to the base (unprompted by the base), Eagleson et al. which teaches a tag transmitting continuously in LF and only in HF when it is damaged, McAllister which teaches the reader has a LF and HF reader, Bolavage et al. which teaches the reader can read RFID of different frequencies (different manufacturers), and Steeves which teaches cards communicate with each other at a different frequency than when communicating with the base.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel I. Walsh whose telephone number is (571) 272-2409. The examiner can normally be reached on M-F 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Daniel I Walsh
Examiner
Art Unit 2876
8-28-06

A handwritten signature in black ink, appearing to be 'D. Walsh', written over the typed name and date.

**DANIEL WALSH
PRIMARY EXAMINER**